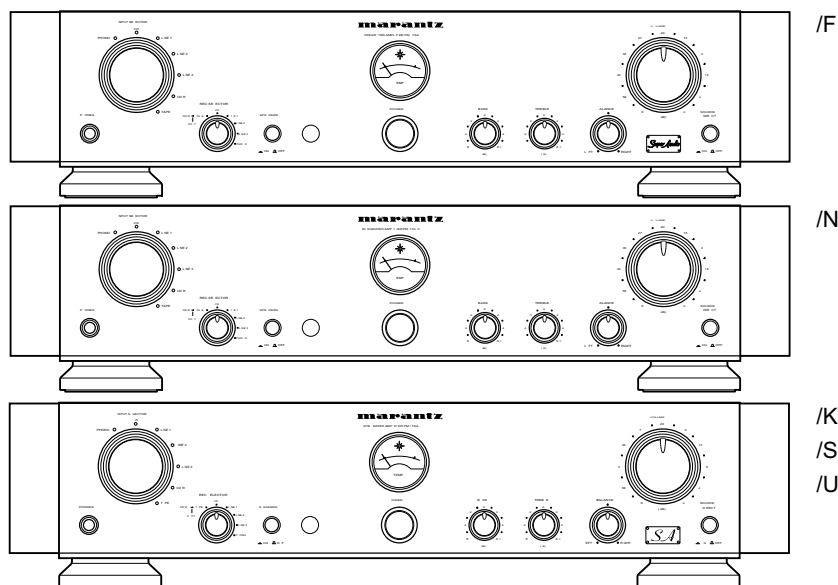


Service Manual

PM17A /F1N, /K1G, /N1G, /S1G
/N1B, /U1B

Integrated amplifier



PM-17SA / mkII

TABLE OF CONTENTS

SECTION	PAGE
1. TECHNICAL SPECIFICATIONS	1
2. BLOCK DIAGRAM	2
3. TEST EQUIPMENT REQUIRED FOR SERVICING	2
4. SCHEMATIC DIAGRAM	3
5. PARTS LOCATION (Pattern Side)	7
6. EXPLODED VIEW AND PARTS LIST	12
7. DC OFFSET VOLTAGE ALIGNMENT	15
8. IDLING CURRENT ALIGNMENT	15
9. ELECTRICAL PARTS LIST	16

Please use this service manual with referring to the user guide (D.F.U.) without fail.

修理の際は、必ず取扱説明書を準備し操作方法を確認の上作業を行ってください。

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PM-17SA / PM-17mkII

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BANGKOK, 10200 THAILAND
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KOREA

MK ENTERPRISES LTD.
ROOM 604/605, ELECTRO-OFFICETEL, 16-58,
3GA, HANGANG-RO, YONGSAN-KU, SEOUL
KOREA
PHONE : +822 - 3232 - 155
FAX : +822 - 3232 - 154

SHOCK, FIRE HAZARD SERVICE TEST :

CAUTION : After servicing this appliance and prior to returning to customer, measure the resistance between either primary AC cord connector pins (with unit NOT connected to AC mains and its Power switch ON), and the face or Front Panel of product and controls and chassis bottom.

Any resistance measurement less than 1 Megohms should cause unit to be repaired or corrected before AC power is applied, and verified before it is return to the user/customer.

Ref. UL Standard No. 1492.

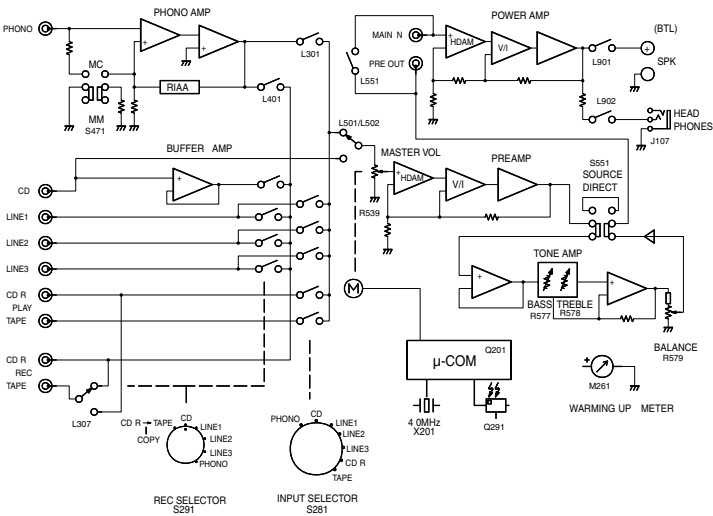
In case of difficulties, do not hesitate to contact the Technical
Department at above mentioned address.

1. TECHNICAL SPECIFICATIONS

Rated power output (20 Hz to 20 kHz, 2CH simultaneous drive)	60 W x 2 (8 Ω load)
	80 W x 2 (6 Ω load)
	100 W x 2 (4 Ω load)
Total harmonic distortion (20 Hz to 20 kHz, 2CH drive, 8 Ω load)	0.01 %
Cross-modulation distortion (SMPTE)	0.01 %
Output bandwidth (8 Ω load, 0.04 %)	10 Hz to 50 kHz
Frequency response (CD, SOURCE DIRECT)	5 Hz to 70 kHz, +0/-1 dB
Damping factor (8 Ω load, 20 Hz to 20 kHz)	100
Input sensitivity/input impedance	
PHONE (MC)	230 μV/100 Ω
PHONE (MM)	2.5 mV/47 kΩ
HIGH LEVEL	220 mV/22 kΩ
MAIN IN	1.6 V/22 kΩ
Output voltage/output impedance	
PRE OUT	1.6 V/250 Ω
Maximum allowable PHONE input (1 kHz)	
MC	15 mV
MM	150 mV
RIAA deviation (20 Hz to 20 kHz)	±0.2 dB
S/N (IHF A network, input shorted)	
PHONE (MC)	76 dB
PHONE (MM)	90 dB
HIGH LEVEL	112 dB
Tone control	
BASS (100 Hz)	±8 dB
TREBLE (10 kHz)	±8 dB
Supply voltage	
F version	100 V AC, 50/60 Hz
/K1 version	110 V/220 V AC, 50/60 Hz
/N1, /S1 version	230 V AC, 50 Hz
/U1 version	120 V AC, 60 Hz
Power consumption	180 W
Dimensions (Maximum)	
Width	458 mm
Height	110 mm
Depth	429 mm
Weight	16 kg
Accessories	
Remote control unit (RC-17mklIPM)	x 1
Dimensions	
Width	44 mm
Height	239 mm
Depth	17.5 mm
Weight (without batteries)	189 g
SUM-4 (R6/ "AA" size) dry cell battery	x 2

Design and specifications are subject to change without notice.

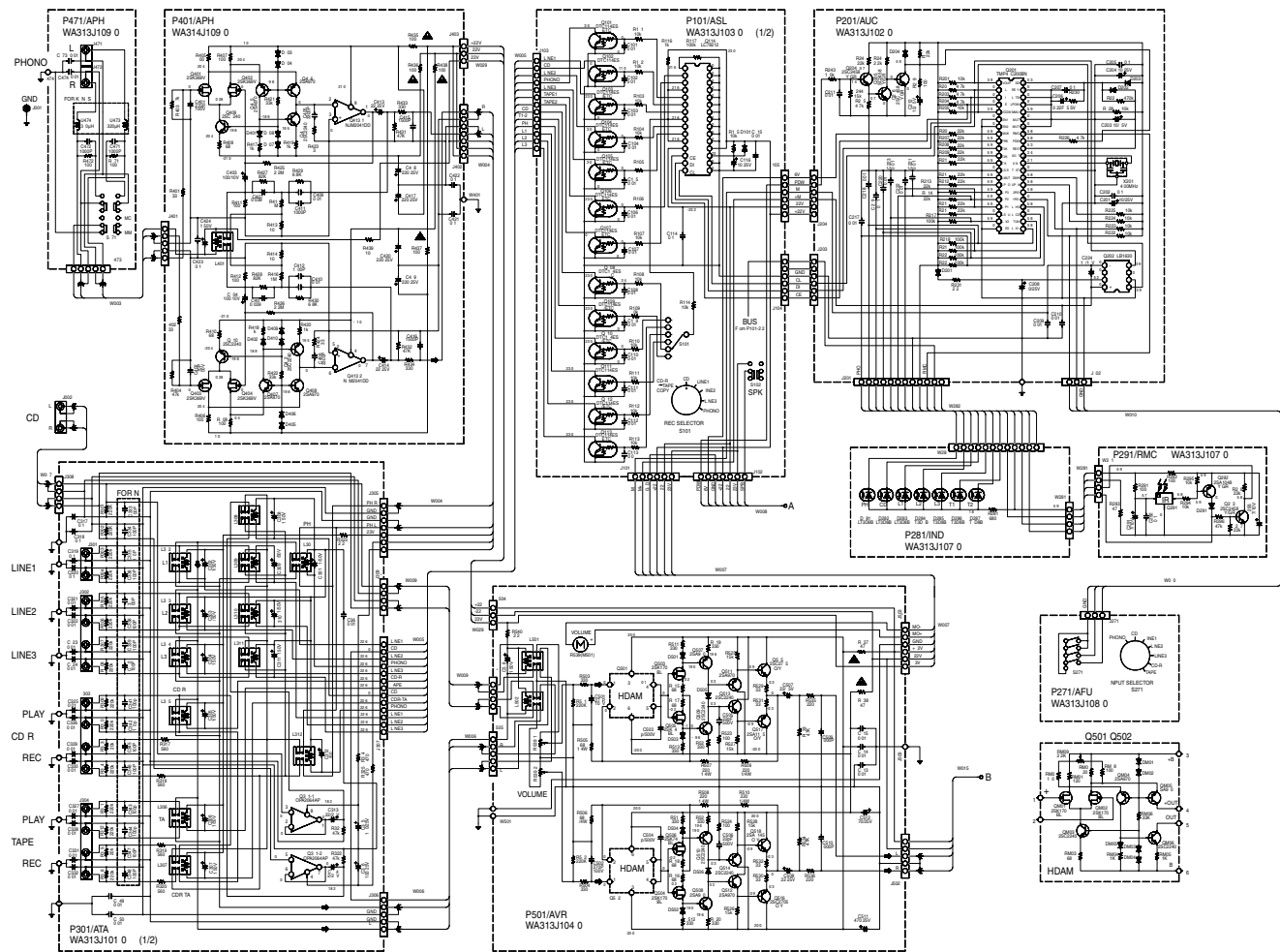
2. BLOCK DIAGRAM

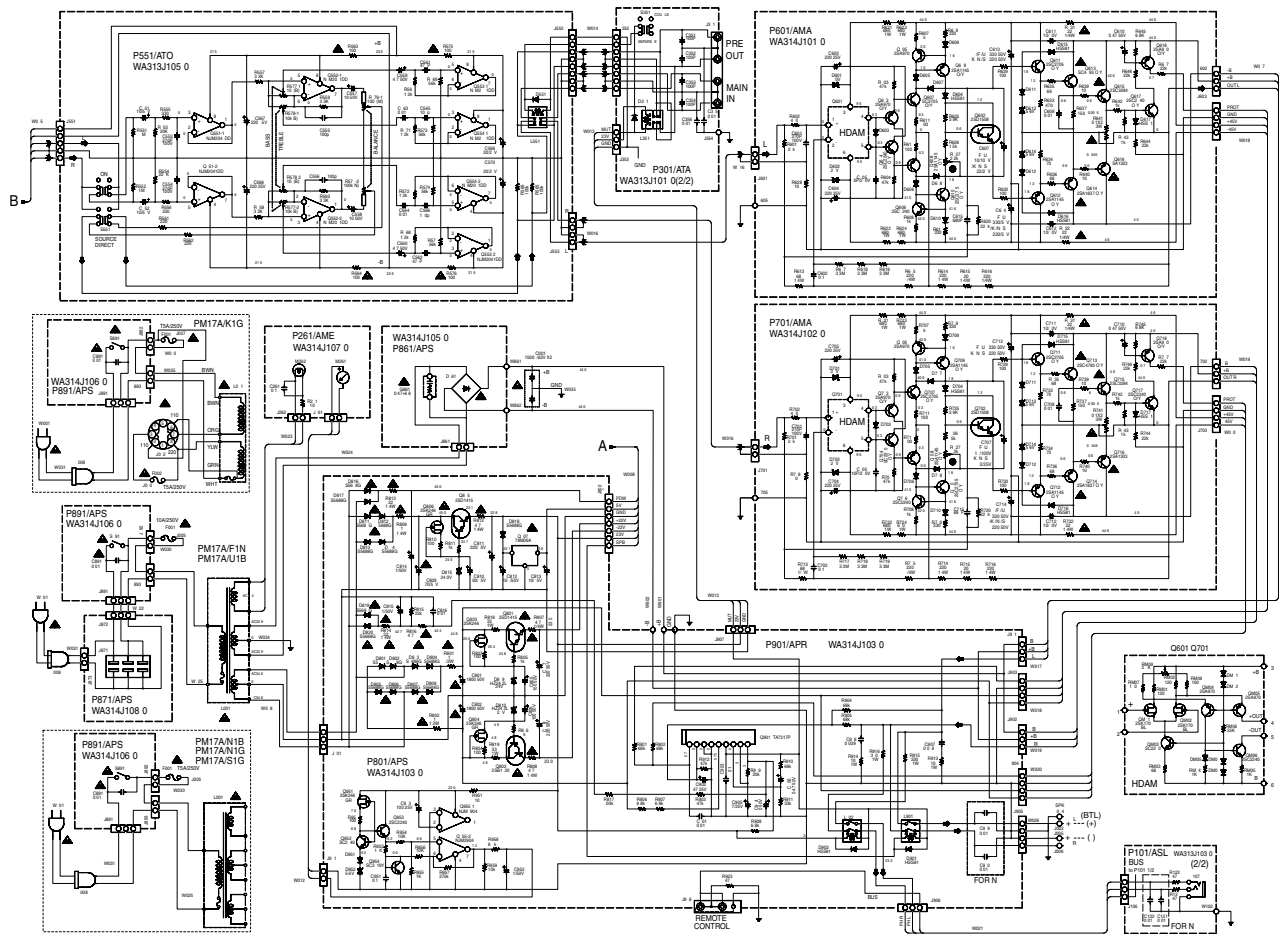


3. TEST EQUIPMENT REQUIRED FOR SERVICING

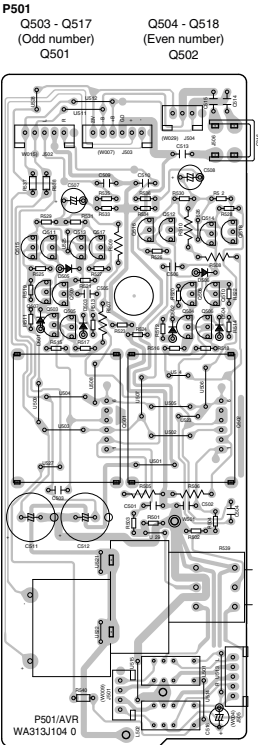
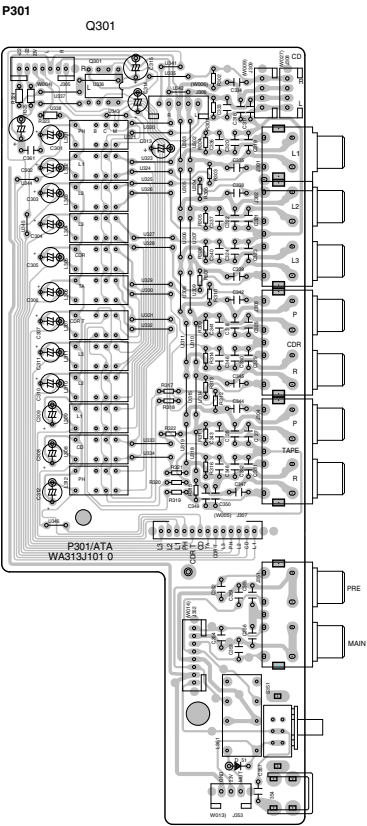
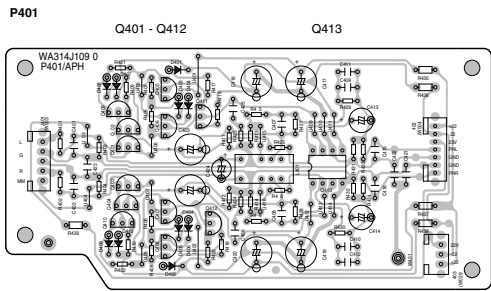
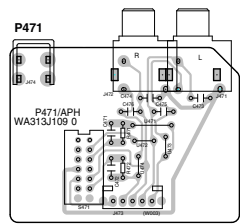
Item	Use
項目	使用 方 法
Distortion Analyzer	Distortion measurements
歪率計	歪の測定
Audio Oscillator	Sinewave and squarewave signal source
低周波発振器	正弦波及び矩形波の信号源
AC VTVM	Voltage measurements (AC)
交流VTVM	交流電圧の測定
Oscilloscope	Waveform analysis and trouble shooting and ASO alignment
オシロスコープ	波計分析、トラブルシューティング及びASOの調整
DC VTVM	Voltage measurements (DC)
直流VTVM	直流電圧の測定
AC Wattmeter	Monitors primary power to amplifier
交流ワットメーター	アンプの一次側消費電力のモニター
Line Voltmeter	Monitors potential of primary power to amplifier
電源電圧計	アンプの一次側消費電圧のモニター
Variable Autotransformer	Adjust level of primary power to amplifier
スライダック	アンプの一次側電圧の調節
Circuit Tester	Trouble shooting
テスター	トラブルシューティング
Shorting Plug	Shorts amplifier input to eliminate noise pickup
ショート用プラグ	雑音を拾わないようにアンプ入力を短絡する

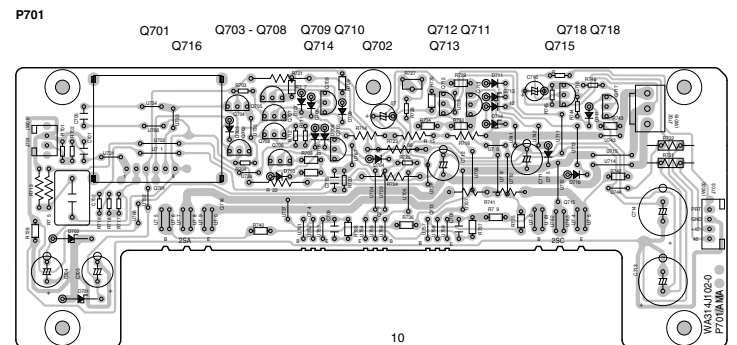
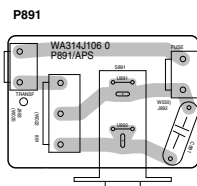
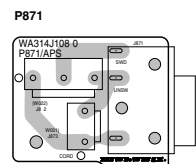
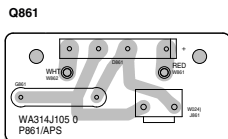
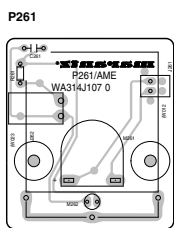
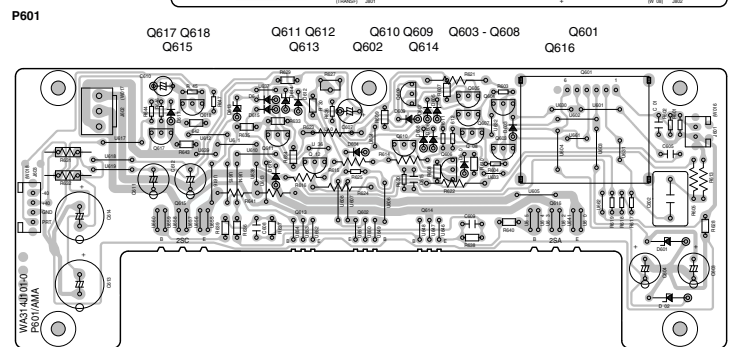
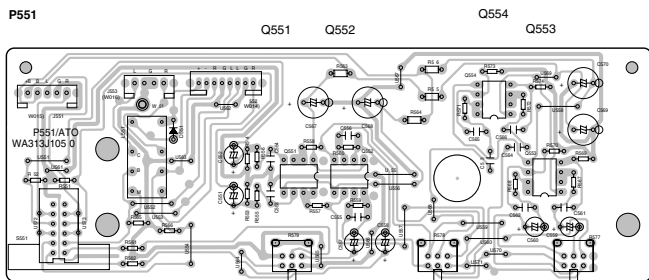
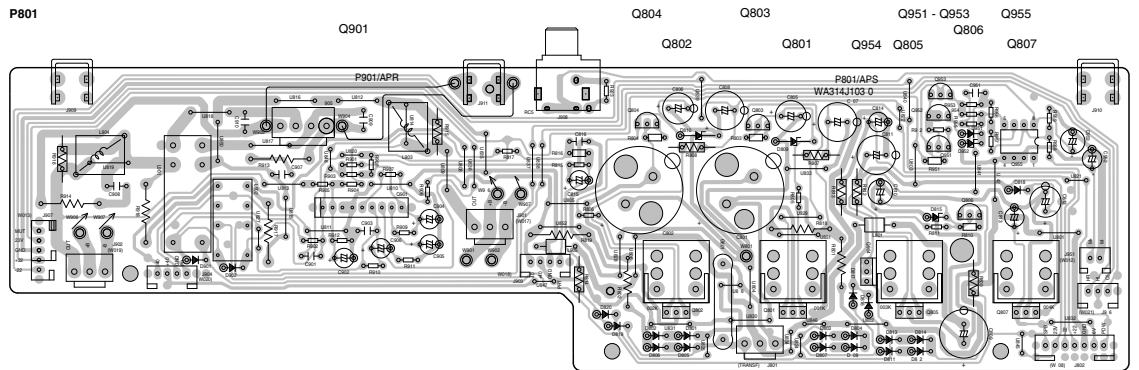
4. SCHEMATIC DIAGRAM



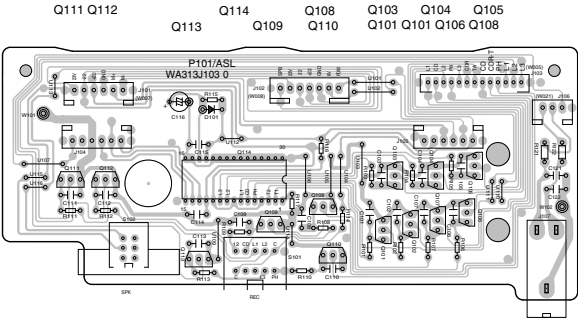


5. PARTS LOCATION (Pattern Side)

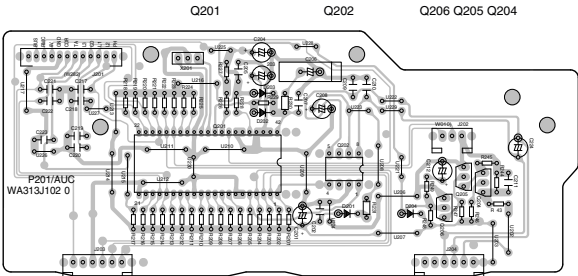




P101



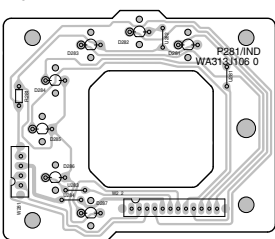
P201



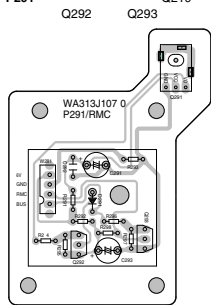
P271



P281



P291

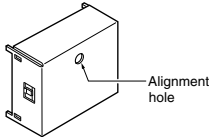


6. EXPLODED VIEW AND PARTS LIST

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MUJ)	POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MUJ)
001B	/FIN		FRONT PANEL ASSY PM-17SA GOLD HAIR	313J248510	J002		4822 290 81671	TERMINAL 2P RCA PIN GL	YT02021240
001B	/K1G, /SIG		FRONT PANEL ASSY PM-17SA GOLD BLAST	313J248550	J003		4822 265 11424	POLE TERMINAL WBT-0745	YT01010360
001B	/N1G	9965 000 01834	FRONT PANEL ASSY PM-17MK2 GOLD BLAST	313J248530	J004		4822 265 11425	TERMINAL WBT-0745	YT01010370
001B	/N1B	9965 000 01814	FRONT PANEL ASSY PM-17MK2 BLACK BLAST	313J248520	J005		4822 265 11424	POLE TERMINAL WHT	YT01010360
001B	/U1B		FRONT PANEL ASSY PM-17SA BLACK BLAST	313J248540	J006		4822 265 11425	POLE TERMINAL RED	YT01010370
003B	GOLD	4822 426 10497	ESCUTCHEON GOLD	269J063110	▲J007	/F /K /U		JACK FUSE HOLDER 10A 250V 31.8MM	YJ08000600
003B	BLACK	4822 426 10496	ESCUTCHEON BLACK	269J063010	J007	/N /S	4822 267 31818	JACK FUSE HOLDER H201 20MM	YJ08000610
015B	GOLD	4822 410 63898	FOR S.D/SPEAKER GOLD BUTTON	144J270010	▲J008		4822 265 11399	JACK AC INLET SOT-16C	YJ04002360
015B	BLACK	4822 410 10227	FOR S.D/SPEAKER BLACK BUTTON	144J270110	▲J010	/K	4822 267 31818	JACK FUSE HOLDER H201 20MM	YJ08000610
017B		4822 404 21012	JOINT LINK FOR POWER BUTTON	025J125010	J092	/K		VOLTAGE SELECT. 2POLE-2POSITION	BY05080060
018B	GOLD	4822 410 11276	POWER BUTTON GOLD	176J270150	J099	/K		JACK MAINS ADAPTER	YJ04001240
018B	BLACK	4822 410 11275	POWER BUTTON BLACK	176J270050	▲L001	/F		MAINS TRANSFORMER	TS42002120
024B	GOLD	9965 000 01550	KNOB FOR MAS VOL GOLD	313J154110	▲L001	/K		MAINS TRANSFORMER	TS42002140
024B	BLACK	9965 000 01549	KNOB FOR MAS VOL BLACK	313J154010	▲L001	/N /S	9965 000 01558	MAINS TRANSFORMER	TS42002130
025B	GOLD	9965 000 01552	KNOB FOR INPUT SEL GOLD	313J154120	▲L001	/U		MAINS TRANSFORMER	TS42002150
025B	BLACK	9965 000 01551	KNOB FOR INPUT SEL BLACK	313J154020	L002		4822 526 10691	FERRITE CORE TFCK-16-8-13	FC50160030
026B	GOLD	4822 410 12036	KNOB FOR BAL/TONE/REC GOLD	289J154140	▲W001	/F		MAINS CORD	ZC01802080
026B	BLACK	4822 410 12035	KNOB FOR BAL/TONE/REC BLACK	289J154040	▲W001	/K		MAINS CORD 2P 10A 250V	ZC01803090
035B	F	9965 000 01554	SUPER AUDIO BADGE	318J251010	▲W001	/N	4822 321 11439	MAINS CORD 2P 10A 250V	ZC01803080
036B	BLACK	9965 000 01553	NEW MARANTZ BADGE GL	313J251010	▲W001	/S		MAINS CORD	ZC01804070
037B	/S, /U		NEW MARANTZ BADGE BL S A BADGE	313J251020	▲W001	/U		MAINS CORD UL/CSA 10A 125V	ZC01803100
001D	GOLD	4822 442 01018	TOP LID GOLD	269J251110	001T	/F		PACKING	313J851110
001D	BLACK	4822 442 01017	TOP LID BLACK	269J251010	001T	/K, /S		USER GUIDE PM-17SA	313J851350
002D	GOLD	4822 502 14425	SCREW FOR TOP LID GOLD	323S010020	001T	/N	9965 000 01555	USER GUIDE PM-17MK2	313J851310
002D	BLACK	4822 502 21693	SCREW FOR TOP LID BLACK	323S010030	001T	/U	9965 000 01556	USER GUIDE PM-17SA	313J851250
003D	GOLD	4822 426 10499	SIDE PANEL GOLD	269J249110	T100			REMOTE COMMANDER RC-17MK2PM	ZK313J0010
003D	BLACK	4822 426 10498	SIDE PANEL BLACK	269J249010					
004D	GOLD	4822 502 14425	SCREW FOR SIDE PANEL FRONT GL	323S010020					
004D	BLACK	4822 502 21693	SCREW FOR SIDE PANEL FRONT BL	323S010030					
009D	GOLD	4822 502 14462	SCREW FOR TOP LID REAR GOLD	318K010020					
009D	BLACK	4822 502 14461	SCREW FOR TOP LID REAR BLACK	318K010030					
010D	GOLD	4822 502 14462	SCREW FOR SIDE PANEL REAR GL	318K010020					
010D	BLACK	4822 502 14461	SCREW FOR SIDE PANEL REAR BL	318K010030					
002G			LID BOTTOM LID	313J257020					
003G		4822 462 42134	LEG LEG	291K057010					
903G		4822 410 60343	BUTTON FOR MM MC SEL SW	058J270030					
▲C001		9965 000 01557	ELECT 15000μF 63V X2 FOR AUDIO	E115906350					
▲F001	/F		FUSE 10A 250V MITI GRU	FS11000570					
▲F001	/K, /N, /S	4822 070 35002	FUSE 5A 250V BS LISTED	FS10500850	001S	/F, /U		NOT STANDARD SPARE PARTS	313J801010
▲F001	/U		FUSE 10A 250V	FS11000530	002S			PACKING CASE PM-17SA	314J809010
▲F002	/K		FUSE T5A 250V BS	FS10500850	003S			CUSHION FOR RIGHT	314J809020

7. DC OFFSET VOLTAGE ALIGNMENT

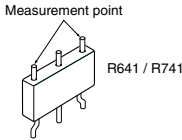
1. Before switching the mains switch. Turn down the master volume to the minimum position and set the balance volume and tone volumes at the center positions. Set variable resistors R627(on the PCB P601:L ch) and R727(on the PCB P701:R ch) fully counterclockwise.
2. Connect the digital voltage meter to the speaker terminal. And set the digital voltage meter for the DC position.
3. Turn the mains switch ON. Put thin adjustment screw driver in to the hole of the HDAM (Q601:L ch / Q701:R ch) copper cover. Adjust variable resistors in the HDAM (Q601:L ch / Q701:R ch) value at 0mV±3mV with in 10 seconds after speaker relay turn ON.



8. IDLING CURRENT ALIGNMENT

REMARK
Before "Idling current alignment", " DC offset voltage alignment " have to be done!!

1. Each of cement resistor R641(on the PCB P601:Lch) and cement resistor R741(on the PCB P701:Rch) are provided with three test points. Connect the digital voltage meter, set for the DC voltage input, to the test points at the two extremities of three test points of R641(L ch) and R741(R ch).
2. After the setup above, turn the mains switch ON and heat up the amplifier about 10 minutes.
3. Adjust variable resistors R627(on the PCB P601:L ch) and R727(on the PCB P701:R ch) according to the digital volt meter reading. The target setting value is 9mV±1mV(45mA) for both L ch and R ch.



DC オフセット電圧調整

1. 本体の電源スイッチを入れるまえに、ボリュームを最小に、バランス及びトーンコントロールをセンターに合わせます。P601 基板上の R627 (L ch) 及び P701 基板上の R727 (R ch) の半固定抵抗を反時計回りにしぼりきります。
2. 本体背面のスピーカー端子にデジタルボルトメータを接続します。(レンジは DC に設定する。)
3. HDAM(Q601 : L ch/Q701 : R ch) のカバーにあいた穴に調整用ドライバーをさし込み、中の半固定抵抗を回せるようにします。電源スイッチをオンにし、スピーカーリレーがオンになってから10秒以内に半固定抵抗を回しデジタルボルトメータの値が0mV±3mVになるように調整します。

アイドリング電流調整

【注 意】
アイドリング電流の調整は必ずDCオフセット電圧の調整を終えてから行って下さい。

1. P601 基板上のセメント抵抗 R641 (L ch) 及び P701 基板上のセメント抵抗 R741 (R ch) の3本の測定用端子のうちの両端の2本にデジタルボルトメーターを接続します。(レンジは DC に設定する。)
2. 電源スイッチをオンにし、アイドリング電流が安定するまで、およそ 10 分間放置します。
3. P601 基板上の半固定抵抗 R627 (L ch) と P701 基板上の半固定抵抗 R727 (R ch) を時計回りにまわしデジタルボルトメータの値が 9mV±1mV(45mA) になるように調整します。

9. ELECTRICAL PARTS LIST

ASSIGNMENT OF COMMON PARTS CODES.

RESISTORS
R*** 1) GD05××× 140, Carbon film fixed resistor, ±5% 1/4W
R*** 2) GD05××× 160, Carbon film fixed resistor, ±5% 1/6W
① Resistance value
Examples ;
① Resistance value
0.1 Ω ... 001 10 Ω ... 100 1 kΩ ... 102 100 kΩ ... 104
0.5 Ω ... 005 18 Ω ... 180 2.7 kΩ ... 272 680 kΩ ... 684
1 Ω ... 010 100 Ω ... 101 10 kΩ ... 103 1 MΩ ... 105
6.8 Ω ... 068 390 Ω ... 391 22 kΩ ... 223 4.7 MΩ ... 475
Note : Please distinguish 1/4W from 1/6W by the shape of parts used actually.

CAPACITORS
C*** CERAMIC CAP
3) DD1×××× 370, Ceramic capacitor
Disc type
Temp.coef.P350 ~N1000, 50V
② Capacity value
Tolerance
Examples ;
② Tolerance (Capacity deviation)
±0.25 pF ... 0
±0.5 pF ... 1
±5% ... 5
* Tolerance of COMMON PARTS hand ed here are as follows :
0.5 pF ~ 5 pF ... ±0.25 pF
6 pF ~ 10 pF ... ±0.5 pF
12 pF ~ 560 pF ... ±5%
③ Capacity value
0.5 pF ... 005 3 pF ... 030 100 pF ... 101
1 pF ... 010 10 pF ... 100 220 pF ... 221
1.5 pF ... 015 47 pF ... 470 560 pF ... 561

C*** CERAMIC CAP
4) DK16××× 300, High d electric constant ceramic capacitor
Disc type
Temp.chara. 2B4, 50V
④ Capacity value
Examples ;
④ Capacity value
100 pF ... 101 1000 pF ... 102 10000 pF ... 103
470 pF ... 471 2200 pF ... 222

C*** ELECTROLY CAP (±), 6) FILM CAP (±)
5) EA×××××× 10, Electrolytic capacitor
One-way lead type, Tolerance ±20%
⑤ Working voltage
Capacity value
Examples ;
⑤ Capacity value
0.1 µF ... 104 4.7 µF ... 475 100 µF ... 107
0.33 µF ... 334 10 µF ... 106 330 µF ... 337
1 µF ... 105 22 µF ... 226 1100 µF ... 118
2200 µF ... 228
⑥ Working vo tage
6.3V ... 006 25V ... 025
10V ... 010 35V ... 035
16V ... 016 50V ... 050

6) DF15××× 350 Plastic film capacitor
DF15××× 310 One-way type, Mylar ±5% 50V
DF16××× 310 Plastic film capacitor
One-way type, Mylar ±10% 50V
⑦ Capacity value
Examples ;
⑦ Capacity value
0.001 µF (1000 pF) ... 102 0.1 µF ... 104
0.0018 µF ... 182 0.56 µF ... 564
0.01 µF ... 103 1 µF ... 105
0.015 µF ... 153

NOTE : 1) The above CODES (R***, R***, C***, C*** and C*** are omitted on the schematic diagram in some case.
2) On the occasion, be confirmed the common parts on the parts list.
3) Refer to "Common Parts List" for the other common parts (R105, DD4, DK4).

NOTE ON SAFETY FOR FUSIBLE RESISTOR :

The suppliers and their type numbers of fusible resistors are as follows;

1. KOA Corporation
Part No. (MJ) Type No. (KOA) Description
NH05××× 140 RF25S×××× ΩJ (±5% 1/4W)
NH05××× 120 RF50S×××× ΩJ (±5% 1/2W)
NH85××× 110 RF73B2A×××× ΩJ (±5% 1/10W)
NH85××× 140 RF73B2E×××× ΩJ (±5% 1/4W)
* Resistance value * Resistance value
(0.1 Ω ~ 10 kΩ)

2. Matsushita Electronic Components Co., Ltd
Part No. (MJ) Type No. (MEC) Description
NF05××× 140 ERD-2FCJ××× (±5% 1/4W)
RF05××× 140 ERD-2FCG××× (±2% 1/4W)
NF02××× 140 * Resistance value * Resistance value
(0.1 Ω ~ 10 kΩ)

Examples ;
* Resistance value
0.1 Ω ... 001 10 Ω ... 100 1 kΩ ... 102 100 kΩ ... 104
0.5 Ω ... 005 18 Ω ... 180 2.7 kΩ ... 272 680 kΩ ... 684
1 Ω ... 010 100 Ω ... 101 10 kΩ ... 103 1 MΩ ... 105
6.8 Ω ... 068 390 Ω ... 391 22 kΩ ... 223 4.7 MΩ ... 475

ABBREVIATION AND MARKS			
ANT	: ANTENNA	BATT	: BATTERY
CAP	: CAPACITOR	CER	: CERAMIC
CONN.	: CONNECT NG	DIG	: DIG TAL
HP	: HEADPHONE	MIC	: MICROPHONE
µ-PRO	: MICROPROCESSOR	REC	: RECORDING
RES.	: RESISTOR	SPK	: SPEAKER
SW	: SWITCH	TRANSF	: TRANSFORMER
TRIM.	: TRIMMING	TRS	: TRANSISTOR
VAR.	: VARIABLE	X TAL	: CRYSTAL

NOTE ON SAFETY :

Symbol ▲ Fire or electrical shock hazard. Only original parts should be used to replaced any part marked with symbol ▲ . Any other component substitution (other than original type), may increase risk of fire or electrical shock hazard.

安全上の注意 :

▲ がついている部品は、安全上重要な部品です。必ず指定されている部品番号の部品を使用して下さい。

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MUJ)	POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MUJ)
C101 }	/K,/S /N	9965 000 01569	P101-SW & HP CIRCUIT BOARD		Q201		9965 000 01584	MICROPROCESSOR 4BIT 2K	HU313JT000
C113			P101-CAPACITORS		Q202		4822 209 73287	TMP47C200BN-1A68(Z)	HC10235030
C114			CER. 0.01μF +80%-20% DC50V	DD38103010	Q204		4822 130 60839	IC LB1630	HT324582B0
C115			CER. 0.1μF +80%-20% DC50V	DD38104010	Q205		4822 130 60839	TRS. 2SC2458 Y OR GR	HT324582B0
C116			CER. 0.01μF +80%-20% DC50V	DD38103010	Q206		4822 130 60839	TRS. 2SC2458 Y OR GR	HT324582B0
C121		4822 124 41534	ELECT. 10μF M 25V RA-2	OA10602520	X201		4822 242 72527	P201-MISCELLANEOUS	FQ04004030
C122		4822 124 12276	FILM 0.01μF ± 5%	OF15103540				CERAMIC VIB. CERALOCK	
		4822 124 12276	FILM 0.01μF ± 5%	OF15103540				CST4.00MGW	
			P101-RESISTORS					P261-METER & LAMP CIRCUIT BOARD	
R121		4822 052 10479	47Ω ±5%/1/6W	GG05470160				CER. 0.1μF +8%-20% DC50V	
R122		4822 052 10479	47Ω ±5%/1/6W	GG05470160	C261		4822 122 40617		DD38104010
R***			P101-RESISTORS (COMMON)		M261		4822 344 14034	D.C METER MG-28	IM11030030
			CARBON FILM FIXED RES.		M262		4822 134 40925	LAMP 8V 100mA DC IGN.BLUE	IN10080680
			±5% 1/6W : R101-R117		▲ R261		4822 052 10109	10Ω ±5%/1/6W	GG05100160
D101	GOLD BLACK	4822 130 32362	P101-SEMICONDUCTORS					P271-FUNCTION SELECTOR CIRCUIT BOARD	
			DIODE 1SS176 MA165 1SS254	HD20002000				100Ω ±5%/1/4W	GG05101140
			30V 0.1A		R271		4822 050 21021		
Q101 }			DIG.TRS.		S271		4822 273 20368	ROTARY SW. SRRSIC	SR01120070
Q113		4822 130 60588	DTC114ES UN4211 10k 10k	BA20001000				P281-INDICATOR LED CIRCUIT BOARD	
Q114		4822 209 32553	IC LC7822N	HC10309030				L.E.D. LT3D8B RED 30	HI10062320
J107		4822 267 31692	JACK HLJ0540-01-410 GRY	YJ01003880	D281		4822 130 80326	L.E.D. LT3D8B RED 30	HI10062320
J107		9965 000 11662	JACK HLJ0540-01-410 BLK	YJ01003870	D282		4822 130 80326	L.E.D. LT3D8B RED 30	HI10062320
S101		9965 000 01579	ROTARY SW. SRBM16N-F1020	SR01060100	D283		4822 130 80326	L.E.D. LT3D8B RED 30	HI10062320
S102		9965 000 01580	PUSH SW. SPUP12-2N-*W2	SP02012290	D284		4822 130 80326	L.E.D. LT3D8B RED 30	HI10062320
			P201-U-COM CIRCUIT BOARD		D285		4822 130 80326	L.E.D. LT3D8B RED 30	HI10062320
			P201-CAPACITORS		D286		4822 130 80326	L.E.D. LT3D8B RED 30	HI10062320
C201			ELECT. 10μF M 25V RA-2	OA10602520	D287		4822 130 80326	L.E.D. LT3D8B RED 30	HI10062320
C202			CER. 0.1μF +8%-20% DC50V	DD38104010	▲ R281		4822 052 10681	680Ω ±5%/1/6W	GG05681160
C203			ELECT. 10μF M 25V RA-2	OA10602520				P291-IR SENSOR CIRCUIT BOARD	
C204			ELECT. 10μF M 25V RA-2	OA10602520	C291		9965 000 00603	ELECT 47μF 10V	EG47601050
C205			ELECT. 10μF M 25V RA-2	OA10602520	C292		4822 122 40617	CER. 0.1μF +8%-20% DC50V	DD38104010
C206			CER. 0.1μF +8%-20% DC50V	DD38104010	C293		9965 000 00603	ELECT 47μF 10V	EG47601050
C207			BIG ELECT FMOH223ZTP16	EX22300530				DIODE 1SS176 MA165 1SS254	HD20002000
C208			CER. 0.1μF +8%-20% DC50V	DD38104010	D291		4822 130 32362	30V 0.1A	
C209			ELECT. 10μF M 25V RA-2	OA10602520				PHOTO UNIT PNA4655M00HB	HW10006020
C210		9965 000 01569	CER. 0.01μF +80%-20% DC50V	DD38103010	Q291		4822 209 16735	IR SENSOR	HT110482B0
C211			CER. 0.01μF +80%-20% DC50V	DD38103010	Q292		4822 130 60107	TRS. 2SA1048 Y OR GR	HT324582B0
C212			CER. 0.01μF +80%-20% DC50V	DD38103010	Q293		4822 130 60839	TRS. 2SC2458 Y OR GR	
C217 }			ELECT. 10μF M 25V RA-2	OA10602520				P301-INPUT JACK CIRCUIT BOARD	
C223			CER. 0.01μF +80%-20% DC50V	DD38103010				P301-CAPACITORS	
C224		4822 124 11947	ELECT 10μF 16V	EQ10601630	C301 }		4822 124 41543	ELECT. 1μF M 50V RA-2	OA10505020
R230		4822 052 10479	P201-RESISTORS		C312			ELECT. 22μF M 25V RA-2	OA22602520
R231		4822 052 10228	47Ω ±5%/1/6W	GG05470160	C313		9965 000 01581	ELECT. 22μF M 25V RA-2	OA22602520
			2.2Ω ±5%/1/6W	GG05022160	C314		9965 000 01581	ELECT. 100μF M 25V RA-2	OA10702520
R***			P201-RESISTORS (COMMON)		C315		4822 124 41535	ELECT. 100μF M 25V RA-2	OA10702520
			CARBON FILM FIXED RES.		C316		4822 124 41535	ELECT. 100μF M 25V RA-2	
			±5% 1/6W : R201-R227 R228		C317			CER. 0.1μF +80%-20% DC50V	DD38104010
			R229 R246-249 R291-R298		C319		4822 122 40617		
			P201-SEMICONDUCTORS		C320			FILM 100pF ±5%100V	OF15101540
D201			DIODE 1SS176 MA165 1SS254	HD20002000	C333 }	/K,/N,/S	9965 000 01344		
D203			30V 0.1A		C348	/K,/N,/S	9965 000 01569	CER. 0.01μF +80%-20% DC50V	DD38103010
D204					C349				

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
C350 C351 }		9965 000 01569	CER. 0.01μF +80%-20% DC50V	DD38103010
C354 C355 }		9965 000 01344	FILM 100pF ±5%100V	OF15101540
C361		9965 000 01569	CER. 0.01μF +80%-20% DC50V	DD38103010
R323 R324 R325		4822 052 10228 4822 052 10471 4822 052 10471	2.2Ω ±5%1/6W 470Ω ±5%1/6W 470Ω ±5%1/6W	GG05022160 GG05471160 GG05471160
R***			P301-RESISTORS 2.2Ω ±5%1/6W 470Ω ±5%1/6W 470Ω ±5%1/6W P301-RESISTORS (COMMON) CARBON FILM FIXED RES. ±5% 1/6W : R301-R322 P301-SEMICONDUCTORS DIODE 1SS176 MA165 1SS254 30V 0.1A	
D351		4822 130 32362	DIODE 1SS176 MA165 1SS254 30V 0.1A	HD20002000
Q301		4822 209 16926	IC OPA2604AP BURR-BROWN	HC10008610
J301		4822 290 81598	TERMINAL 2P RCA JACK YKC21-3255 GOLD	YT02021130
J302 J303 J304 J351		4822 290 81599 4822 290 81599 4822 290 81599 4822 290 81599	TERMINAL YKC21-3269 GOLD TERMINAL YKC21-3269 GOLD TERMINAL YKC21-3269 GOLD TERMINAL YKC21-3269 GOLD	YT02040970 YT02040970 YT02040970 YT02040970
L301 }		9965 000 01570	RELAY ED2-24	LY20240470
L312 L351		9965 000 01576	RELAY MR82-24USR	LY20240480
S351		9965 000 01582	SLIDE SW. SSSU12	SS02020950
C401 C402 C403 C404 C409 C410 C411 C412 C413 C414 C415 C416 C417 }		9965 000 01560 9965 000 01560 9965 000 01567 9965 000 01567 4822 124 12276 4822 124 12276 4822 121 70437 4822 121 70437 4822 124 81151 4822 124 81151 9965 000 01568 9965 000 01568	FILM 270pF ±5%100V OFC FILM 270pF ±5%100V OFC ELECT. 100μF 10V ARA ELECT. 100μF 10V ARA FILM 0.01μF ± 5% FILM 0.01μF ± 5% FILM 1000pF ±5%100V APSV FILM 1000pF ±5%100V APSV ELECT. 22μF 25V ARA ELECT. 22μF 25V ARA FILM 1500pF ±5%100V APSV FILM 1500pF ±5%100V APSV	OF55271540 OF55271540 OA10701050 OA10701050 OF15103540 OF15103540 OF15102540 OF15102540 OA22602550 OA22602550 OF15152540 OF15152540
C420 C421 C422 C423 C424		4822 124 90365 4822 122 40617 4822 122 40617 4822 122 40617 4822 124 41543	ELECT. 220μF M 25V RA-2 CER. 0.1μF DC50V +80 -20% CER. 0.1μF DC50V +80 -20% CER. 0.1μF DC50V +80 -20% ELECT. 1μF M 50V RA-2	OA22702520 DD38104010 DD38104010 DD38104010 OA10505020
C***			P401 CAPACITORS (COMMON) PLASTIC FILM CAPACITOR ±5% 50V : C504-C408 P401-RESISTORS 100Ω ± 1% 1/6W	
R405 }		9965 000 01571	100Ω ± 1% 1/6W	GM11610000

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
▲ R435 }		4822 052 10101	100Ω ±5%1/6W	GG05101160
▲ R438 R439		4822 052 10109	10Ω ±5%1/6W	GG05100160
R***			P401-RESISTORS (COMMON) CARBON FILM FIXED RES. ±5% 1/6W : R401-R404 R409-R434 R471 R472 P401-SEMICONDUCTORS DIODE 1SS176 MA165 1SS254 30V 0.1A	
D401 }		4822 130 32362	DIODE 1SS176 MA165 1SS254 30V 0.1A	HD20002000
D410				
Q401 }		4822 130 43547	F.E.T. 2SK369 V VGDS-40V PD0.4W	HF203691V0
Q404 Q405 }		4822 130 42949	TRS. 2SA970 GR OR BL	HT109702A0
Q408 Q409 }		4822 130 43233	TRS. 2SC2240 GR OR BL	HT322402A0
Q412 Q413		4822 209 81565	IC NJM-2041-DD	HC10026090
L401		9965 000 01570	RELAY ED2-24	LY20240470
C471 C472 C473 C474		4822 121 70437 4822 121 70437 9965 000 01569 9965 000 01569	FILM 1000pF ±5%100V APSV FILM 1000pF ±5%100V APSV CER. 0.01μF +80%-20% DC50V CER. 0.01μF +80%-20% DC50V	OF15102540 OF15102540 DD38103010 DD38103010
J471		4822 290 81638	TERMINAL 14X14 RA 1L1P BLK AU FLM-GND	YT02010790
J472		4822 290 81638	TERMINAL 14X14 RA 1L1P BLK AU FLM-GND	YT02010790
S471 U473 U474	/K,/N,/S /K,/N,/S	4822 276 13409 4822 158 60606 4822 158 60606	PUSH SW. SPUP19-4N-W2.0 CHOKE COIL 22μH 5R200PN CHOKE COIL 22μH 5R200PN	SP04010660 LC12030050 LC12030050
C501 C502 C503 C504 C505 C506 C507 C508 C508 C511 C512 C513 C514 C515 C516	/F,/U /K,/N,/S /F,/U /K,/N,/S	9965 000 01560 9965 000 01560 9965 000 01585 9965 000 01585 9965 000 01586 9965 000 01586 9965 000 02015 9965 000 02015 4822 124 90051 4822 124 90051 9965 000 01569 9965 000 01569 9965 000 01569 4822 124 41543	FILM 270pF ±5%100V OFC FILM 270pF ±5%100V OFC MICA 5pF 500V FE922H MICA 5pF 500V FE922H MICA 22pF ±5%500V FE MICA 22pF ±5%500V FE ELECT. 22μF 25V ARA ELECT. 22μF 25V ARS ELECT. 22μF 25V ARA ELECT. 22μF 25V ARS ELECT. 220μF M 25V ARA ELECT. 220μF M 25V ARA CER. 0.01μF +80%-20% DC50V CER. 0.01μF +80%-20% DC50V CER. 0.01μF +80%-20% DC50V ELECT. 1μF M 50V RA-2	OF55271540 OF55271540 DF31050520 DF31050520 DF35220520 DF35220520 OA22602550 OA22602540 OA22602550 OA22602540 OA22702550 OA22702550 DD38103010 DD38103010 DD38103010 OA10505020
R505 R506		9965 000 01565 9965 000 01565	68Ω ± 1% 1/4W ERD 68Ω ± 1% 1/4W ERD	NR01680140 NR01680140

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)	POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
R507 }		4822 111 20413	220Ω ± 1% 1/4W ERD	NR01221140	R579		4822 100 30138	VAR. 100kΩ MN FOR BALANCE VOLUME	RM01041310
R510					R***			P551-RESISTORS (COMMON) CARBON FILM FIXED RES. ±5% 1/6W : R551-R562 R565-R574	
R537		4822 052 10479	47Ω ±5%1/6W	GG05470160				P551-SEMICONDUCTORS DIODE 1SS176 MA165 1SS254 30V 0.1A	HD20002000
R538		4822 052 10479	47Ω ±5%1/6W	GG05470160	D551		4822 130 32362		
R539		9965 000 01587	VAR. RK18112MC-30K DX2	RM03030050	Q551 }		4822 209 81565	IC NJM-2041-DD	HC10026090
R540		4822 052 10228	2.2Ω ±5%1/6W	GG05022160	Q554				
R***			P501-RESISTORS (COMMON) CARBON FILM FIXED RES. ±5% 1/6W : R501-R505 R511-R536					P551-MISCELLANEOUS RELAY MR82-24USR	LY20240480
			P501-SEMICONDUCTORS		S551		4822 276 13065	PUSH SW. SPUP24V1A STROK=2MM NON-SHORT	SP04010650
D501 }		4822 130 32362	DIODE 1SS176 MA165 1SS254 30V 0.1A	HD20002000	L551		9965 000 01576		
D506								P601-POWER AMP L CIRCUIT BOARD	
Q501			IC NEW HDAM	KH313J1010				P601-CAPACITORS	
Q502			IC NEW HDAM	KH313J1010				FILM 270pF ±5%100V OFC	OF55271540
Q503 }		4822 130 62649	F.E.T. 2SJ74 BL VGDS=25V PD=24W	HF100741G0	C601		9965 000 01560	FILM 0.1μF ±5%100V OFC	OF55104540
Q506					C602		4822 121 10867	ELECT. 220μF M 25V RA-2	OA22702520
Q507		4822 130 42949	TRS. 2SA970 GR OR BL	HT109702A0	C603		4822 124 90365	ELECT. 220μF M 25V RA-2	OA22702520
Q508		4822 130 42949	TRS. 2SA970 GR OR BL	HT109702A0	C604		4822 124 90365	ELECT. 220μF M 25V RA-2	DF31100520
Q509		4822 130 43233	TRS. 2SC2240 GR OR BL	HT322402A0	C605		9965 000 01561	MICA 10pF ± 0.5pF 500V FE	OA10610020
Q510		4822 130 43233	TRS. 2SC2240 GR OR BL	HT322402A0	C607	/F,/U		ELECT. 10μF M 100V RA-2	OA22602540
Q511		4822 130 42949	TRS. 2SA970 GR OR BL	HT109702A0	C607	/K,/N,/S	9965 000 02015	ELECT. 22μF M 25V ARS	OF15103540
Q512		4822 130 42949	TRS. 2SA970 GR OR BL	HT109702A0	C608		4822 124 12276	FILM 0.01μF ± 5%	OA47405020
Q513		4822 130 43233	TRS. 2SC2240 GR OR BL	HT322402A0	C610		4822 124 22273	ELECT. 0.47μF M 50V RA-2	EQ10605090
Q514		4822 130 43233	TRS. 2SC2240 GR OR BL	HT322402A0	C611		9965 000 01562	ELECT. 10μF M 50V RA2BP	EQ10605090
Q515		4822 130 43283	TRS. 2SC2705 O OR Y	HT327052A0	C612	/F,/U		ELECT. 330μF M 50V RA-2	OA33705020
Q516		4822 130 43283	TRS. 2SC2705 O OR Y	HT327052A0	C613	/K,/N,/S	9965 000 02014	ELECT. 220μF M 50V ARS	OA22705040
Q517		4822 130 42999	TRS. 2SA1145 O OR Y	HT111452A0	C614	/F,/U		ELECT. 330μF M 50V RA-2	OA22705040
Q518		4822 130 42999	TRS. 2SA1145 O OR Y	HT111452A0	C614	/K,/N,/S	9965 000 02014	ELECT. 220μF M 50V ARS	OF55681540
					C615		9965 000 01564	FILM 680pF ±5%100V OFC	
L501		9965 000 01570	P501-MISCELLANEOUS RELAY ED2-24	LY20240470				P601-RESISTORS	
L502		9965 000 01570	RELAY ED2-24	LY20240470				220Ω ± 1% 1/4W ERD	NR01221140
					R605		4822 111 20413	1kΩ ±5%1/6W	GG05102160
			P551-TONE AMP CIRCUIT BOARD		▲ R607		4822 052 10102	1kΩ ±5%1/6W	GG05102160
			P551-CAPACITORS		▲ R608		4822 052 10102	330Ω ±5%1/6W	GG05331160
C551		5322 124 21731	ELECT. 10μF M 50V RA-2	OA10605020	▲ R609		4822 111 31001	330Ω ±5%1/6W	GG05331160
C552		5322 124 21731	ELECT. 10μF M 50V RA-2	OA10605020	▲ R610		4822 111 31001	68Ω ± 1% 1/4W ERD	NR01680140
C553		9965 000 01560	FILM 270pF ±5%100V OFC	OF55271540	R613		9965 000 01565	220Ω ± 1% 1/4W ERD	NR01221140
C554		9965 000 01560	FILM 270pF ±5%100V OFC	OF55271540	R614		4822 111 20413	220Ω ± 1% 1/4W ERD	NR01221140
C555		9965 000 01344	FILM 100pF ±5%100V	OF15101540	R615		4822 111 20413	220Ω ± 1% 1/4W ERD	NR01221140
C556		9965 000 01344	FILM 100pF ±5%100V	OF15101540	R616		4822 111 20413	220Ω ± 1% 1/4W ERD	NR01221140
C557		5322 124 21731	ELECT. 10μF M 50V RA-2	OA10605020	R617		4822 050 23308	3.3MΩ ±5%1/6W	GD05335160
C558		5322 124 21731	ELECT. 10μF M 50V RA-2	OA10605020	R618		4822 050 23308	3.3MΩ ±5%1/6W	GD05335160
C559		4822 124 80067	ELECT. 4.7μF M 50V RA-2	OA47505020	R619		4822 050 23308	3.3MΩ ±5%1/6W	GD05335160
C560		4822 124 80067	ELECT. 4.7μF M 50V RA-2	OA47505020	R621 }				
C561		9965 000 01583	FILM 0.047μF ±5%50V MTFV	OF15473040	R624		4822 053 10681	680Ω ±5%1W	GA05681010
C562		9965 000 01583	FILM 0.047μF ±5%50V MTFV	OF15473040	R627				
C563		4822 124 12276	FILM 0.01μF ± 5%	OF15103540	R628		9965 000 01566	TRIM. VARIABLE 2.2kΩ	RA02220760
C564		4822 124 12276	FILM 0.01μF ± 5%	OF15103540	R629		4822 052 10109	10Ω ±5%1/6W	GG05100160
C565		9965 000 01344	FILM 100pF ±5%100V	OF15101540	R630		4822 052 10101	100Ω ±5%1/6W	GG05101160
C566		9965 000 01344	FILM 100pF ±5%100V	OF15101540	▲ R631		4822 052 10101	100Ω ±5%1/6W	GG05101160
C567 }		4822 124 90365	ELECT. 220μF M 25V RA-2	OA22702520	▲ R632		4822 050 22209	22Ω ±5%1/4W	GG05220140
C570					R633		4822 050 22209	22Ω ±5%1/4W	GG05220140
					R634		4822 052 10471	470Ω ±5%1/6W	GG05471160
▲ R563 }		4822 052 10101	100Ω ±5%1/6W	GG05101160	R635		4822 052 10471	470Ω ±5%1/6W	GG05471160
▲ R576					R636		4822 050 26809	68Ω ±5%1/6W	GG05680160
R577		4822 101 30735	VAR. 10kΩ X2 B	RM01030720	▲ R637		4822 050 26809	68Ω ±5%1/6W	GG05680160
R578		4822 101 30735	VAR. 10kΩ X2 B	RM01030720	R638		4822 052 10151	150Ω ±5%1/6W	GG05151160
					R639			JUMPER JUMPER WIRE 5MM	75060501P0
							4822 052 10109	10Ω ±5%1/6W	GG05100160

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MUJ)	POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MUJ)
▲ Q713 ▲ Q714 ▲ Q715		4822 130 63635 4822 130 63634 4822 130 60741	TRS. 2SC4793 O Y TRS. 2SA1837 O Y TRS. 2SC3284 O P Y 125W FMG112	HT347932A0 HT118372A0 HT332843D0	▲ D801 S ▲ D808 D809 D810		4822 130 80839 4822 130 10851 4822 130 10851	P801-SEMICONDUCTORS DIODE S5688G VRM=400V IO=1A ZENER DIODE HZ24-2L ZENER DIODE HZ24-2L	HD20029050 HD30012010 HD30012010
Q716		4822 130 63674	TRS. 2SA1303 O P Y 125W FMG112	HT113033D0	D811 D812		4822 130 80839 4822 130 80839	DIODE S5688G VRM=400V IO=1A DIODE S5688G VRM=400V IO=1A	HD20029050 HD20029050
Q717 Q718		4822 130 43233 4822 130 42949	TRS. 2SC2240 GR OR BL TRS. 2SA970 GR OR BL	HT322402A0 HT109702A0	▲ D813 ▲ D814 D815		4822 130 80839 4822 130 80839 4822 130 80116	DIODE S5688G VRM=400V IO=1A ZENER DIODE 24V EQUIVALENT	HD20029050 HD20029050 HD32401000
C801		9965 000 01577	P801-POWER SUPPLY & PROTECTOR CIRCUIT BOARD P801-CAPACITORS ELECT 1800μF 50V FOR AUDIO	EB18805020	▲ D816 ▲ D817 D818		4822 130 80839 4822 130 80839 4822 130 80839	DIODE S5688G VRM=400V IO=1A DIODE S5688G VRM=400V IO=1A	HD20029050 HD20029050 HD20029050
C802		9965 000 01577	ELECT 1800μF 50V FOR AUDIO	EB18805020	▲ D819 ▲ D820 D901 D902 D951		4822 130 80839 4822 130 80839 4822 130 80837 4822 130 80837 4822 130 32362	DIODE S5688G VRM=400V IO=1A DIODE S5688G VRM=400V IO=1A DIODE HSS81TD 150V 150mA DIODE HSS81TD 150V 150mA DIODE 1SS176 MA165 1SS254 30V 0.1A	HD20029050 HD20029050 HD20027010 HD20027010 HD20002000
C805 C806 C807 C808 C809 C810 C811 C812 C813 C814 C815 C901 C902 C903 C904 C905 C906 C907 C908 C909 C910 C951 C952 C953		4822 124 90355 4822 124 90355 4822 124 90366 4822 124 90366 4822 124 41542 4822 124 41535 4822 124 90366 4822 124 90355 4822 124 41534 4822 124 41543 4822 124 41543 4822 124 12276 4822 124 12276 4822 124 22698 4822 122 40617 5322 124 21731 4822 124 22698 4822 124 22273 9965 000 01575 9965 000 01575 4822 124 12276 4822 124 12276 4822 122 40617 4822 124 41543 4822 124 41535	ELECT. 100μF M 50V RA-2 ELECT. 100μF M 50V RA-2 ELECT. 220μF M 50V RA-2 ELECT. 220μF M 50V RA-2 ELECT. 470μF M 50V RA-2 ELECT. 100μF M 25V RA-2 ELECT. 220μF M 50V RA-2 ELECT. 100μF M 50V RA-2 ELECT. 10μF M 25V RA-2 ELECT. 1μF M 50V RA-2 ELECT. 1μF M 50V RA-2 FILM 0.01μF ± 5% FILM 0.01μF ± 5% ELECT. 47μF M 25V RA-2 CER. 0.1μF +8%-20% DC50V ELECT. 10μF M 50V RA-2 ELECT. 47μF M 25V RA-2 ELECT. 0.47μF M 50V RA-2 FILM 0.039μF ±5%100V OFC FILM 0.039μF ±5%100V OFC FILM 0.01μF ± 5% FILM 0.01μF ± 5% CER. 0.1μF +8%-20% DC50V ELECT. 1μF M 50V ELECT. 100μF M 25V RA-2	OA10705020 OA10705020 OA22705020 OA22705020 OA47705020 OA10702520 OA22705020 OA10705020 OA10602520 OA10505020 OA10505020 OF15103540 OF15103540 OA47602520 DD38104010 OA10605020 OA47602520 OA47405020 OF55393540 OF55393540 OF15103540 OF15103540 DD38104010 OA10505020 OA10702520	▲ Q801 ▲ Q802 Q803 Q804 ▲ Q805 Q806 ▲ Q807 Q901 Q951 Q952 Q953 Q954 Q955		4822 130 11605 4822 130 11604 4822 130 42836 4822 130 42836 4822 130 11605 4822 130 42836 4822 209 83821 4822 209 83312 4822 130 42836 4822 130 43233 4822 130 43233 4822 130 60117 4822 209 83679	TRS. 2SD1415 TRS. 2SB1020 F.E.T. 2SK246 GR F.E.T. 2SK246 GR TRS. 2SD1415 F.E.T. 2SK246 GR IC NJM78M06FA IC TA7317P F.E.T. 2SK246 GR TRS. 2SC2240 GR OR BL TRS. 2SC2240 GR OR BL TRS. 2SC3419 Y 40V 0.8A PC=1.2W 5W IC NJM2904 DUAL OP-AMP	HT41415100 HT21020100 HF202461C0 HF202461C0 HT41415100 HF202461C0 HC38506090 HC10042050 HF202461C0 HT322402A0 HT322402A0 HT334191Y0
▲ R801 ▲ R802 ▲ R803 ▲ R804 ▲ R807 ▲ R808 ▲ R809 ▲ R810 ▲ R812 ▲ R813 ▲ R814 ▲ R816 ▲ R818 ▲ R819 R913 R914 R917 R918 R951		4822 050 21108 4822 050 21108 4822 052 10101 4822 052 10101 4822 050 24708 4822 050 24708 4822 117 10158 4822 052 10101 4822 050 24708 4822 113 90119 4822 113 90119 4822 052 10478 4822 053 10339 4822 053 10339 4822 053 10109 4822 053 10109 4822 053 10331 4822 053 10331 4822 052 10109	P801-RESISTORS 1Ω ±5%1/2W 1Ω ±5%1/2W 100Ω ±5%1/6W 100Ω ±5%1/6W 4.7Ω ±5%1/4W 4.7Ω ±5%1/4W 1Ω ±5%1/4W 100Ω ±5%1/6W 4.7Ω ±5%1/4W FUSE 22Ω G 1/4W FUSE 22Ω G 1/4W 4.7Ω ±5%1/6W 33Ω ±5%1W 33Ω ±5%1W 10Ω ±5%1W 10Ω ±5%1W 330Ω ±5%1W 330Ω ±5%1W 10Ω ±5%1/6W	GG05010120 GG05010120 GG05101160 GG05101160 GG05047140 GG05047140 GG05010140 GG05101160 GG05047140 NF02220140 NF02220140 GG05047160 GA05330010 GA05330010 GA05100010 GA05100010 GA05331010 GA05331010 GG05100160	▲ G801 J908 L801 L901 L902 L905 U804		4822 121 20263 4822 267 41009 4822 158 60605 4822 280 70354 9965 000 01576 4822 158 60605 4822 158 60605	P801-MISCELLANEOUS CAP.COMP. 0.47μF + 6.8Ω NOISE KILLER TERMINAL 2P RCA PIN JACK FERRIT BEADS B-01-RT RELAY VB 24MBU-510 5A/240VAC RELAY MR82-24USR FERRIT BEADS B-01-RT FERRITE BEADS B-01-RT	BF47400010 YT02020890 FC90050060 LF20240310 LY20240480 FC90050060 FC90050060
R***			P801-RESISTORS (COMMON) CARBON FILM FIXED RES. ±5% 1/6W : R805 R806 R811 R815 R817 R901-R912 R923 R952-R959		▲ D861 ▲ G861		9965 000 01578 4822 121 20263	P861-RECTIFIER CIRCUIT BOARD DIODE D25XB60 600V 25A BRIDGE-DI CAP.COMP. 0.47μF + 6.8Ω NOISE KILLER	HE20029290 BF47400010

POS. NO	VERS. COLOR	PART NO. (FOR PCS)	DESCRIPTION	PART NO. (MJI)
▲ J871	/F,/U	482226731417	P871-AC-OUTLET CIRCUIT BOARD [F,/U VERSION] JACK AC OUTLET CCT1306-0212	YJ04001840
▲ C891 S891		4822 121 43732 4822 276 12647	P891-POWER SW CIRCUIT BOARD FILM 0.1μF M 250V AC PUSH SW. POWER ESB-99753V-4 TV-8	DF77103500 SP01011470
RM09		4822 100 20681	PM01-HDAM CIRCUIT BOARD FOR Q501 Q502 Q601 Q701 PM01-RESISTOR TRIM. 2.2kΩ RH0638C14R	RA02220780
R***			PM01-RESISTORS (COMMON) CARBON FILM FIXED RES. ±5% 1/6W : RM01-RM08	
DM01 } DM05		4822 130 32362	PM01-SEMICONDUCTORS DIODE 1SS176 A165 1SS254 30V 0.1A	HD20002000
QM01		5322 130 41844	F.E.T. 2SK170 BL VGDS=-40V PD=0.4V	HF201701G0
QM02		5322 130 41844	F.E.T. 2SK170 BL VGDS=-40V PD=0.4V	HF201701G0
QM03		4822 130 43233	TRS. 2SC2240 GR OR BL	HT322402A0
QM04		4822 130 42949	TRS. 2SA970 GR OR BL	HT109702A0
QM05		4822 130 42949	TRS. 2SA970 GR OR BL	HT109702A0
QM06		4822 130 43233	TRS. 2SC2240 GR OR BL	HT322402A0